

[Print](#) | [Close Window](#)**Subject: Re: FWD: 185229 soils****From: Imount@dellavallelab.com****Date: Mon, May 06, 2013 6:44 pm****To: <rick@saltaireinc.com>**

Hello Mr. Bambauer,

The conversion factor for nitrate-nitrogen (NO<sub>3</sub>-N) to pounds per acre is 2.73, so in your example it would be 13.65 lbs/ac.

Your results are only the nitrate-nitrogen portion of plant available nitrogen (PAN). There is also some ammoniacal-nitrogen (NH<sub>3</sub>-N) uptake by plants. Typically, PAN refers to the amount of nitrogen available to a plant through decomposition (mineralization) of a manure or crop residue source into NO<sub>3</sub>-N and NH<sub>3</sub>-N. In soil, bacteria convert NH<sub>3</sub>-N into NO<sub>3</sub>-N.

If you have any further questions or concerns, please let me know.

Sincerely,

Lacey Mount

Lacey L. Mount, D.P.M.

CCA#364694

PCA# 128730

559-351-2741 mobile

Imount@dellavallelab.com

Dellavalle Laboratory, Inc.

1910 W McKinley Ave Ste 110

Fresno CA 93728-1298

559-233-6129

559-268-8174 Fax

www.dellavallelab.com

Copyright © 2003-2013. All rights reserved.